

General

Title

Cancer screening: percentage of women aged 51 to 74 years who have had at least one mammogram performed during the measurement year or the year prior to the measurement year.

Source(s)

Manor O, Shmueli A, Ben-Yehuda A, Paltiel O, Calderon R, Jaffe DH. National program for quality indicators in community healthcare in Israel report, 2011-2013. Israel: Ministry of Health; 2013 Jan 1. 22 p. [27 references]

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of women aged 51 to 74 years who have had at least one mammogram performed during the measurement year or the year prior to the measurement year.

Rationale

Breast cancer is the most common malignant disease among women in Israel, comprising 30% of all cancer cases among Israeli women (Ministry of Health, 2014). The relative survival rates among women with breast cancer have improved and mortality rates have fallen in Israel over the last few years (Ministry of Health, 2014) - an improvement that can be partially attributed to early detection and treatment. Israel's Ministry of Health recommends performing mammography screening once every two years, among women aged 50 to 74 with regular risk within a targeted screening program, commensurate with the recommendations of the United States Preventive Services Task Force (USPSTF, 2009). This screening program extends personal invitations to all eligible women. Meta-analysis of clinical trials

comparing women who underwent mammography screening versus those who did not showed a decrease of 6% to 23% in breast cancer mortality among those who were screening compared to the control group (Gøtzsche & Jørgensen, 2013).

Evidence for Rationale

Gøtzsche PC, Jørgensen KJ. Screening for breast cancer with mammography. Cochrane Database Syst Rev. 2013;6:CD001877. [PubMed](#)

Manor O, Shmueli A, Ben-Yehuda A, Paltiel O, Calderon R, Jaffe DH. National program for quality indicators in community healthcare in Israel report, 2011-2013. Israel: Ministry of Health; 2013 Jan 1. 22 p. [27 references]

Ministry of Health. Israel National Cancer Registry. Breast cancer. 2014. 9 p.

U.S. Preventive Services Task Force. Screening for breast cancer: U.S. Preventive Services Task Force recommendation statement. Ann Intern Med. 2009 Nov 17;151(10):716-26. [PubMed](#)

Primary Health Components

Breast cancer; screening mammography

Denominator Description

Women aged 51 to 74 years

Numerator Description

The number of individuals in the denominator who had at least one mammogram performed during the measurement year or the year prior to the measurement year

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

A systematic review of the clinical research literature (e.g., Cochrane Review)

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Data quality assessment as well as performance audits were carried out in three stages: by each health plan, by the Quality Indicators in Community Healthcare (QICH) program directorate and by an accredited external auditor. Data checks that included logical tests for negative numbers, unit tests, and valid numerator and denominator entries as well as tests examining subgroups and changes over time were performed by each health plan internally and by the QICH program directorate. An external auditor conducted a procedural audit for each health plan as well as the for the QICH directorate.

Evidence for Extent of Measure Testing

Jaffe DH, Shmueli A, Ben-Yehuda A, Paltiel O, Calderon R, Cohen AD, Matz E, Rosenblum JK, Wilf-Miron R, Manor O. Community healthcare in Israel: quality indicators 2007-2009. *Isr J Health Policy Res.* 2012 Jan 30;1(1):3. [PubMed](#)

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory/Office-based Care

Managed Care Plans

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Does not apply to this measure

Target Population Age

Age 51 to 74 years

Target Population Gender

Female (only)

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Health and Well-being of Communities

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Staying Healthy

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

The three-year measurement period

Denominator Sampling Frame

Enrollees or beneficiaries

Denominator (Index) Event or Characteristic

Patient/Individual (Consumer) Characteristic

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

Women aged 51 to 74 years

Exclusions

Unspecified

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

The number of individuals in the denominator who had at least one mammogram performed during the measurement year or the year prior to the measurement year

Exclusions

Unspecified

Numerator Search Strategy

Fixed time period or point in time

Data Source

Electronic health/medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Description of Allowance for Patient or Population Factors

This indicator is reported by stratification according to age (determined by a team of experts), as well as socio-economic status (determined by the entitlement to an exemption from medical copayments).

Standard of Comparison

not defined yet

Identifying Information

Original Title

Breast cancer screening.

Measure Collection Name

National Program for Quality Indicators In Community Healthcare

Measure Set Name

Cancer Screening

Submitter

The Israel National Program for Quality Indicators in Community Healthcare - National Government Agency [Non-U.S.]

Developer

The Israel National Program for Quality Indicators in Community Healthcare - National Government Agency [Non-U.S.]

Funding Source(s)

The Israel National Institute for Health Policy Research

Composition of the Group that Developed the Measure

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Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2013 Jan

Measure Maintenance

Annually

Date of Next Anticipated Revision

Fall 2016

Measure Status

This is the current release of the measure.

The measure developer reaffirmed the currency of this measure in February 2017.

Measure Availability

Source not available electronically.

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NQMC Status

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The information was reaffirmed by the measure developer on February 26, 2017.

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Production

Source(s)

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